

ABSTRACT

The present invention relates to a process for producing reduced coenzyme Q₁₀ which comprises obtaining 5 microbial cells containing reduced coenzyme Q₁₀ at a ratio of not less than 70 mole % among the entire coenzymes Q₁₀, optionally disrupting the cells and recovering thus-produced reduced coenzyme Q₁₀. The present invention also relates to a process for producing oxidized coenzyme Q₁₀ 10 which comprises either recovering oxidized coenzyme Q₁₀ after oxidizing the above-mentioned microbial cells or disrupted product thereof, or recovering reduced coenzyme Q₁₀ from the above-mentioned microbial cells or disrupted product thereof to oxidize thus-obtained reduced coenzyme 15 Q₁₀ thereafter. According to the processes of the present invention, reduced coenzyme Q₁₀ and oxidized coenzyme Q₁₀ can be produced simply on the industrial scale.

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